



Andersen COMPLETE WINDOW UNITS



• **CASEMENT
WINDOWS** •

NARROWLINE
DOUBLE-HUNG
WINDOWS •

• **BASEMENT
WINDOWS** •

ANDERSEN CORPORATION
BAYPORT, MINNESOTA

ANDERSEN CASEMENT WINDOW

A Complete Unit Including

FRAME • SASH • HARDWARE • SCREEN • DOUBLE GLASS
WEATHER STRIPPED • FACTORY FITTED • TREATED

THE ANDERSEN CASEMENT is an improved wood casement window that successfully combines the advantages of weathertight wood construction with the beauty of modern, narrow line design. It harmonizes pleasingly with all types of architecture and gives added charm and value to any building in which it is used.

Effective weatherstripping, double glazing, and leak-proof frame construction make the Andersen Casement Window exceptionally leakproof and weathertight and **especially suited to the requirements of air conditioning** and gas or electric heat.

Now you can have the full benefit of casement ventilation without any of the usual drawbacks. The Andersen Casement is convenient and easy to operate. It is exceptionally weathertight. It is simple in construction and easy to install. It is well proportioned and unusually attractive in appearance.

In no other casement, wood or metal, will you find all these distinctive features. It will pay you to examine them.

LEAKPROOF FRAME—Made of clear Pine, chemically preserved, with the Andersen Leakproof Locked Sill Joint, weathertight wide blind stop and mortar clinch grooves. Narrow mullion posts, transom bar and exterior moulding provide modern lines and permit large glass area. Standard design is suitable for all types of wall construction and any kind of interior and exterior wall finish.

Inside wood stops, mullion casings, and transom bar casings of pine or hardwoods are included.

IMPROVED SASH—New design prevents sticking or binding and provides two point contact. Factory fitted and glazed with A quality flat drawn glass. Made of clear Pine chemically preserved, with exposed end wood eliminated by improved reinforced joints. Dividing or muntin bars are either solid aluminum (Style A), which are easy to clean and require no finishing, or attractively designed wood (Style W). Sash with horizontal muntin bars only or with special leaded glass panels can be furnished on order.

WEATHERTIGHT—Andersen weatherstrips insure a tight seal under most severe weather conditions. This improved weatherstrip is an outstanding development in casement construction.

Infiltration tests made at the University of Wisconsin show an air leakage of only 2.5 cubic feet per hour per foot of sash perimeter with a wind velocity of 10 miles per hour.

The American Society of Heating and Ventilating Engineers in a recent bulletin reports an infiltration of

15.5 cubic feet for the average weatherstripped double hung window under the same conditions. Note also how the above figure compares with similar tests made on other casements as reported in the 1937 Guide of the Society.

COMPLETE HARDWARE—New . . . improved design. Easy to install. Includes:

Extension Hinges—Cadmium plated steel with brass bearings.

Under Screen Sash Operators—Choice of two designs. Illustrated on page 2.

Worm Gear Type—With solid bronze housing and handle.

Bar Type—Steel, bronze finish over cadmium plating.

Locking Latch—Solid bronze handle. Closes sash tightly; locks it securely. Independent of screen. Automatic ejection of sash insures easy opening.

Hardware with all parts made of solid bronze can be furnished on special order.

INSIDE SCREEN—Fitted and ready to slip in place with spring bolt fasteners attached. Solid aluminum frame with 16 mesh aluminum wire cloth or wood frame (Pine) with 18 mesh bronze wire.

REMOVABLE DOUBLE GLAZING—Fits on the inside of the sash. Has an aluminum frame and spring metal seal. Glazed with DSA labeled glass. Easily and quickly slipped in place or removed from the inside. May be left in place the year round. Reduces heat loss by radiation 60 per cent. *Controls condensation.* Particularly suited to meet the requirements of air conditioning both in winter and summer.

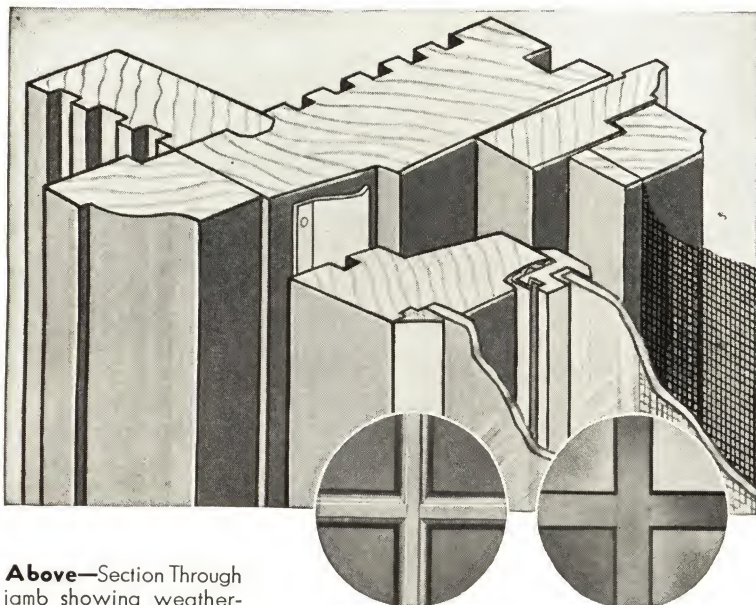
TREATED WOOD—All wood parts of frame and sash are protected against decay and termites with a tested chemical preservative recommended as one of the best available by wood treating authorities. The toxic agent used gives positive protection against termites and a high resistance to decay, rendering the treated wood exceptionally durable.

Protection against moisture during construction and before painting and added protection thereafter is also afforded by this treatment.

The wood is not discolored and any customary finish can be applied.

Complete technical information will be furnished on request.

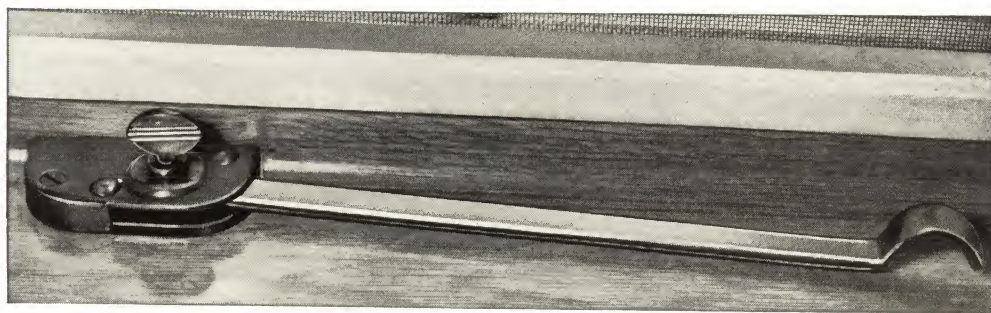
Andersen Corporation
ANDERSEN CASEMENT WINDOW
Outstanding Features



Above—Section Through jamb showing weather-strip, removable double glazing on the inside of the sash, and wood frame screen. Note the special design of frame and sash that eliminates sticking and binding, also the anchor strip and mortar clinch grooves to insure weathertight joining with wall in either frame or masonry construction. Inserts in circles show, left, the wood muntin bar and, right, the aluminum muntin bar.



Worm Gear Sash Operator—Solid bronze handle and case. Adjusts and automatically locks sash in any position. Powerful and easy to operate. Independent of screen. Does not interfere with drapes, shades or Venetian Blinds. Note aluminum frame screen.



Bar Sash Operator—Bronze finish over cadmium plating. Works easily and smoothly. Holds sash securely in any position. A very satisfactory low priced operator. Note wood frame screen in this illustration.

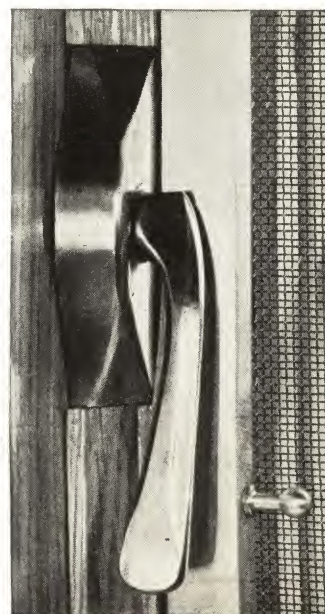


Left—the Double Glass is easily and quickly slipped in place or removed for cleaning. No tools are required.

Right—Extension Hinges permit the easy cleaning of outside glass from the inside.



Right—Sash Lock pulls the sash completely shut and locks it securely when closed without opening or removing the screen. Also forcibly ejects the sash when opened.



Nationally Distributed Through Lumber and Millwork Dealers

Andersen Corporation

ANDERSEN CASEMENT WINDOW

Typical Installations

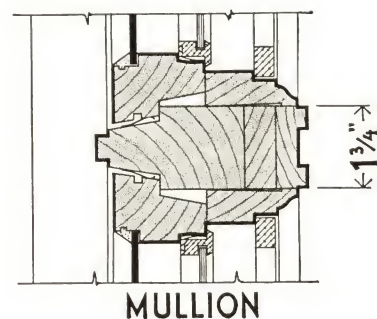
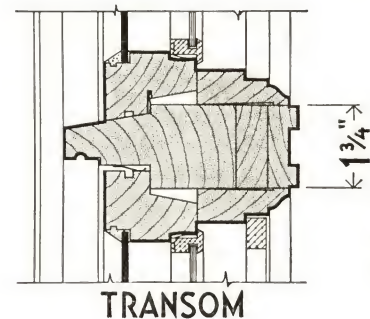
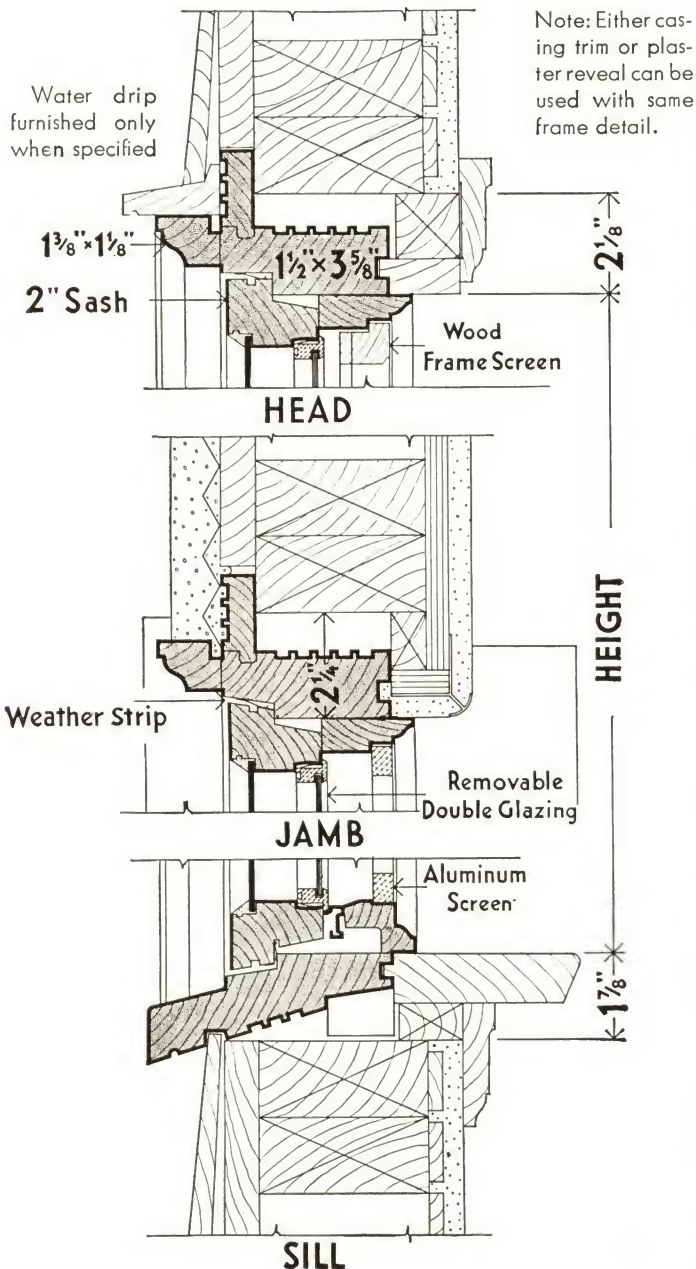


Andersen Casements give added charm and beauty to any home. They are furnished in a wide variety of stock units and are used successfully with any style of architecture in homes, apartments and many institutional and public buildings. Note the many interesting adaptations of standard units on this page.

ANDERSEN CASEMENT WINDOW

Detail of Complete Unit

Detail shows a typical installation in frame wall with wood siding or stucco exterior. This same basic detail is also used in brick veneer and masonry walls with inside plaster return or extension jamb. Write for complete file of loose sheet tracing details.



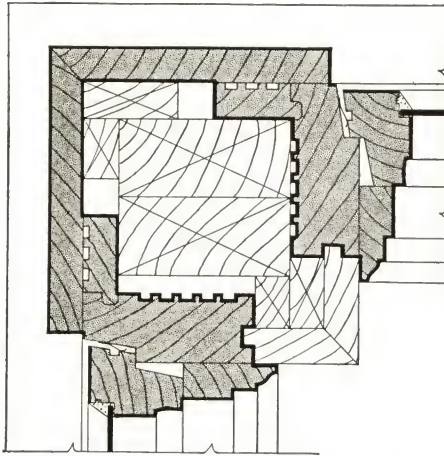
NOTES

1. See TABLE OF SIZES on page 6 for unit arrangements, sash sizes and opening sizes.
2. EXTERIOR Moulding—Any Andersen brick moulding or casing may be substituted for the brick moulding shown or units can be furnished without exterior moulding on special order. When no exterior moulding is ordered, specify length of sill horns required.
3. All inside finish stops, mullion and transom inside casing as shown on this detail are furnished as part of the unit. These parts are furnished in clear Pine unless otherwise specified. These can be furnished in other woods at an extra charge.
4. Finish moulding with screen rabbet shown in still detail is for swinging sash only. For stationary sash the same moulding as shown at head and jamb is used at the sill.
5. WEATHERSTRIP as shown is furnished for all openings, applied to the head and sides of the frame and the bottom rail of the sash.
6. For full size details or details showing adaptation of standard unit to special requirements, see local millwork dealer or write Andersen Corporation, Bayport, Minn.

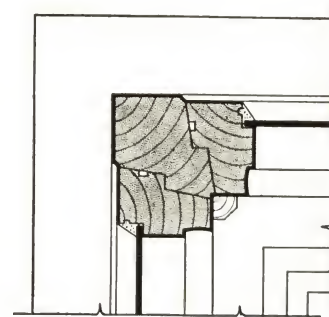
Scale—Three Inches Equal One Foot.
Patents Nos. 17,552,-1,648,712,-1,879,005,-2,003,982

ANDERSEN CASEMENT WINDOW

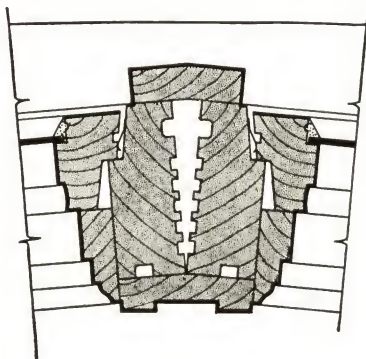
Special Adaptations



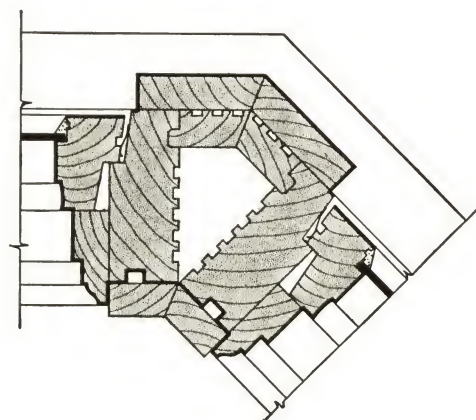
CORNER WINDOW DETAIL NO. 1, 1/4 SCALE—Showing typical corner section for use where support is required above. Angle iron or I beam can be used in place of 2x4's. Exterior casings may be of metal or wood. Sash may be swinging or stationary.



CORNER WINDOW DETAIL NO. 2, 1/4 SCALE—Used where load bearing members are not required at corner. Has special corner mullion post with stationary sash next to corner. Three inches between glass. The rest of casement unit is same as standard detail shown on page 4.



RADIAL BAY WINDOW DETAIL, 1/4 SCALE—Showing section through mullion between sash, using standard straight bead cut with outside edge of sill and head staff bead cut to any radius. Furnished only on special order.



ANGLE BAY DETAIL, 1/4 SCALE—Showing section through typical angle mullion. All parts are standard stock design and construction except the exterior casing. The inside casing is not furnished as part of the unit.

Masonry Opening
Moulding 2" wide
Masonry Opening
Moulding 1½" wide
Rough Studding
Opening
Sash Opening

	18"	23½"	3'-7"	4'-5½"	6'-10½"	8'-6¼"	
	1212	2214	4224	6234	8244	10254	
	1313	2316	4326	6336	8346	10356	
	1414	2418	4428	6438	8448	10458	
	1515	25110	45210	65310	85410	105510	
	1413	2416	4426	6436	8446	10456	
	1514	2518	4528	6538	8548	10558	
	1513	2516	4526	6536	8546	10556	
	1614	2618	4628	6638	8648	10658	
	26110	46210	66310	86410	106510		
	27110	47210	67310	87410	107510		

Masonry Opening
Moulding 2" wide
Masonry Opening
Moulding 1½" wide
Rough Studding
Opening
Sash Opening

	3'-8½"	5'-3½"	
	4214	6224	
	4316	6326	
	4418	6428	
	45110	65210	

CH-1
CH-2
CH-4
CH-6

Units shown above have fixed side-light sash that are not weatherstripped and do not have mullion posts between sidelight sash and main sash.

Circle top transom units can be used above any square head unit of same width. Standard transom bar is used between square head sash and circle sash.

CH-2 is furnished with standard aluminum or wooden muntin bar as specified. CH-4, CH-6 and CH-8 are furnished with zinc muntins.

NOTES

- Mullion posts between all sash except in units with fixed sidelight sash.
- Glass size 8"x12" standard including side light units. One light wide units have 12"x12" glass.
- Sash layout shown is standard. Same units with horizontal muntin bars only can be furnished when so specified. Sash can also be furnished with leaded glass of any design instead of with muntin bars.
- Main sash may be either swinging or stationary. All swinging sash open out and may be hinged to swing either right or left. When ordering specify how many swinging sash in each unit and whether hinges are to be on right or left side looking in from outside.
- All sizes shown are standard. Wider or higher units using standard sash can be furnished on order.

ANDERSEN NARROLINE WINDOW

A Complete Double Hung Unit

The Andersen NARROLINE Double Hung Window is furnished as a complete unit with modern narrow mullions and casings, yet it retains the time-tested counterbalancing principle to insure dependable and trouble-free sash operation throughout the life of the building. It is effectively weatherstripped and is exceptionally leakproof and weathertight.

CONSTRUCTION FEATURES

FRAME—A leakproof Andersen Master Frame of improved design including the famous Locked Sill Joint, steep sill slope, one piece wide blind stop and other superior Andersen features. See detail on page 9.

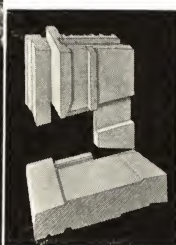
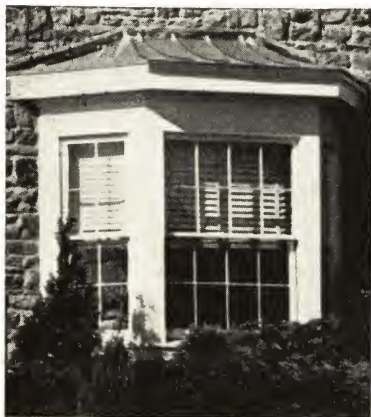
NEW ANDERSEN WINDOW—1½" THICK—Furnished as part of the unit completely manufactured and fitted for use with Andersen Silver Seal Weatherstrips. Improved construction eliminates exposed end wood at bottom rail. The sash are milled for weatherstrip ribs and are furnished with check rail and bottom rail weatherstrips installed. Glazed SSA except as noted on LIST OF STANDARD SIZES. Glass bedded in putty.

CHEMICALLY PRESERVED—Both frame and check rail window are permanently protected against moisture, decay and termites with the Andersen Pentachlorophenol Preservative Treatment.

COUNTERBALANCING EQUIPMENT—After experiments with many different devices for operating the sash, the time tested principle of counterbalancing weights has been retained. A specially designed flat weight with a pulley wheel permits the use of only one weight on each side in place of two. Standard equipment includes weights, sash chain cut to length and with fasteners included and Andersen Noiseless Pulleys. The sash chain has short, heavy links especially designed for quiet operation. Tests have proved that dependable and trouble-free sash operation is assured for more than an ordinary lifetime.

COMPLETE WEATHERSTRIPPING—Andersen Silver Seal Weatherstrips (patent pending) supplied for all units—made of strong, attractive aluminum alloy, electro-chemically treated to give a permanently lubricated, glass-like surface. Maximum weathertightness and easy sash operation is assured by new duplex action.

EASY INSTALLATION—The sash are completely fitted with weatherstrips already applied on check rail and bottom rail. The units can be furnished completely assembled which is the recommended practice, or, if preferred, the sash can be hung and weatherstrips for side and head installed on the job. This installation is exceedingly simple as it is only necessary to fasten these weatherstrips in place with a few screws, pass the chains through the pulleys in the jambs and flat sash weights and attach the chains to the sash with one screw for each fastener. No other tool work is required.



LEAKPROOF
Steep Slope
Locked Sill Joint



FLAT WEIGHT
with noiseless
pulley wheel



Andersen Corporation

ANDERSEN NARROLINE WINDOW

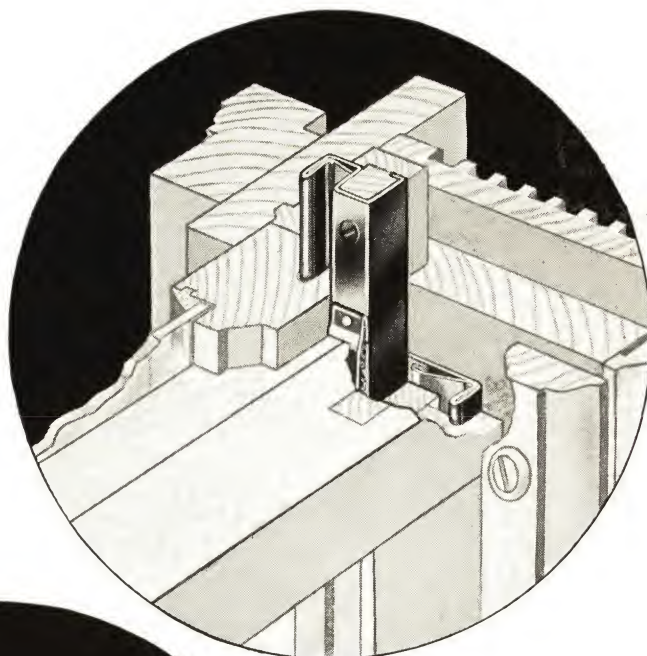
Silver Seal Weatherstrips and Other Improved Features



Section Through Head—

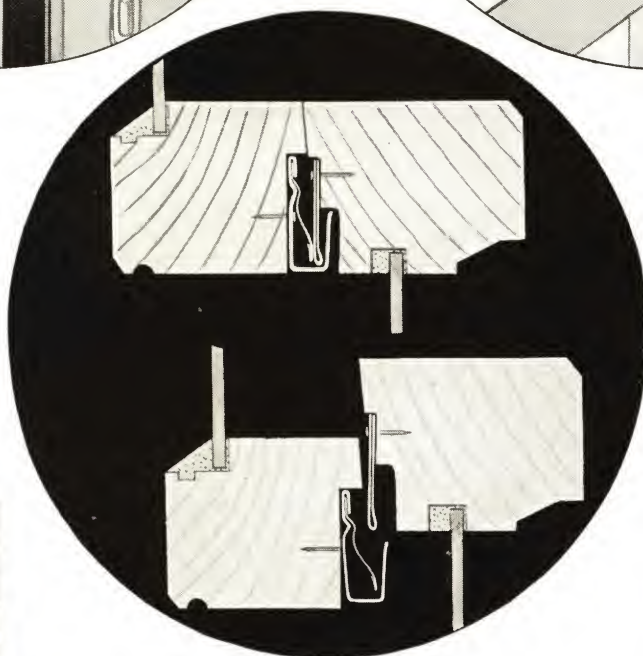
The metal covered parting stop and special weatherstrip insure easy sash operation.

Notice the NEW, sturdy 1½-inch thick sash. ANDERSEN Noiseless and Wear-proof Pulleys and Steel Sash Chain that will not break or wear out, insure a lifetime of satisfactory and trouble-free sash operation.



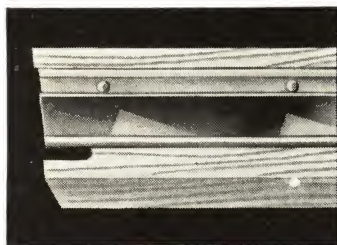
Section Through Jamb—

New duplex action Silver Seal weatherstripping with both rib and spring metal contacts. Sash slide smoothly at all times because they are guided by the ribs, and are centered between spring leaf weatherstrips.



Section Through Check Rail—

Note the improved check rail weatherstrip with concealed nailing and spring leaf metal-to-metal contact.



No Exposed End Wood—

New joint at bottom rail greatly reduces end wood which is completely covered with weatherstrip metal.



Section Through Bottom Rail—

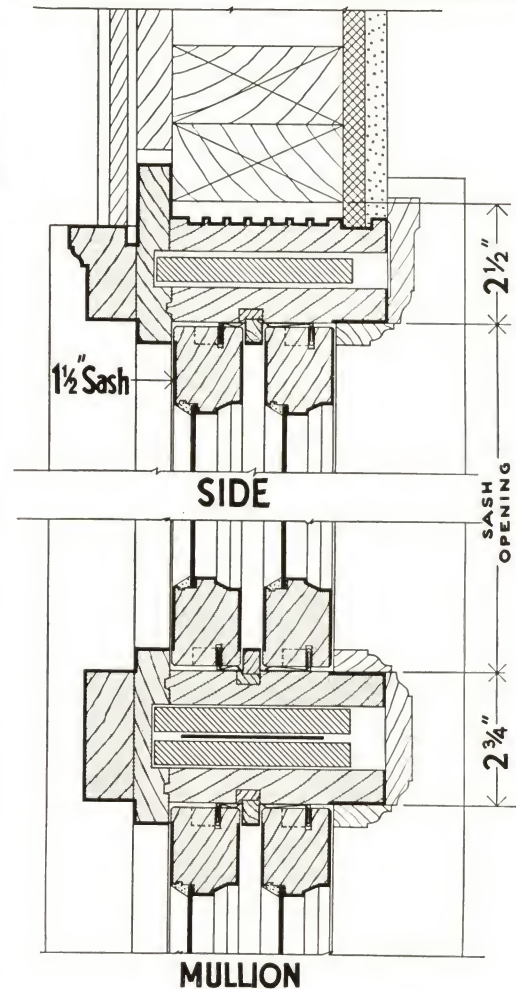
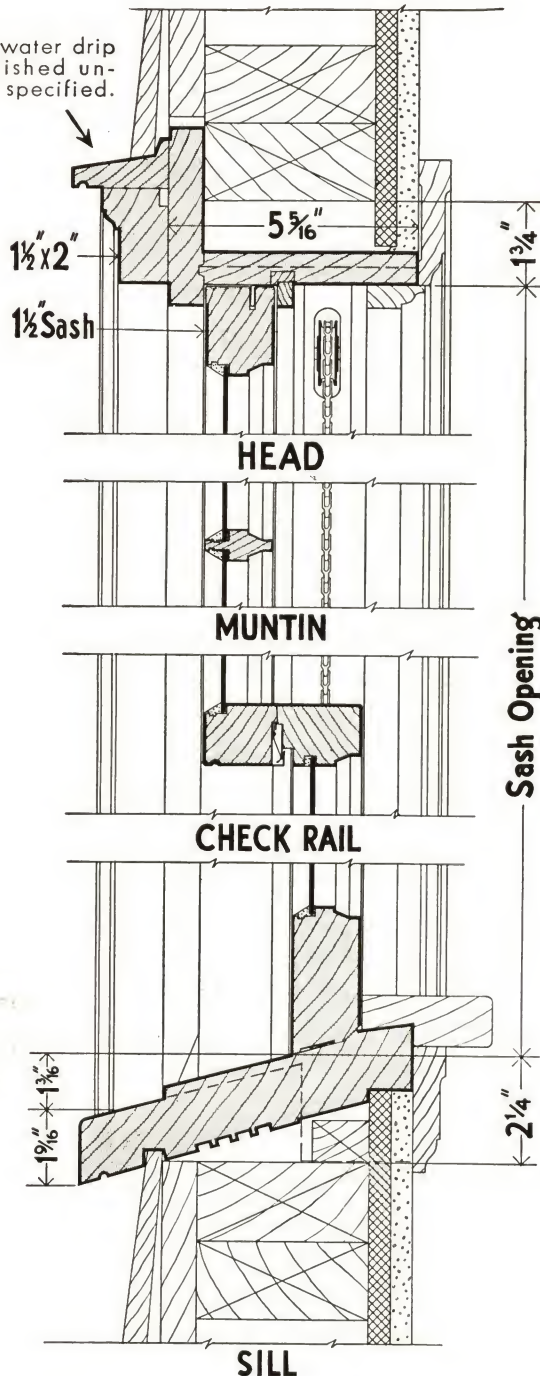
Showing the improved fold back spring leaf weatherstrip . . . Self-cleaning, self-adjusting, out of sight when sash is open.

Nationally Distributed Through Lumber and Millwork Dealers

ANDERSEN NARROLINE WINDOW

Complete Double Hung Unit No. 680

No water drip
furnished un-
less specified.



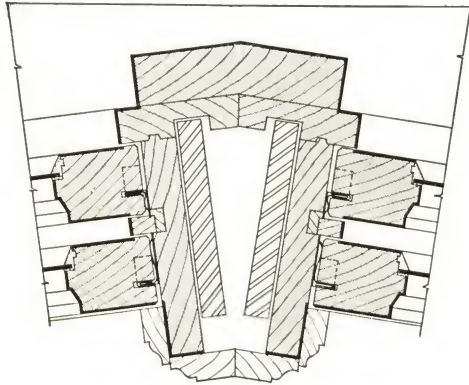
NOTES

1. This standard unit is used in all types of frame or masonry wall construction and with any style of exterior or interior wall finish. Detail shows wood frame construction with siding finish.
2. Andersen SILVER SEAL Weatherstrip for complete opening furnished as standard equipment.
3. Special flat weights, pulleys, and galvanized sash chain furnished for each opening. Chain is cut to length and fasteners are included.
4. 1 1/2" Fitted Sash furnished with check and bottom rail Weatherstrip applied. Sash glazed SSA bedded in putty. See list of stock sizes.
5. Exterior moulding No. 908, shown on detail, is standard on all frames. Any other Andersen brick moulding or casing furnished on special order. Water Drip No. 923 shown on head brick moulding furnished only when specified.
6. Frame and Sash treated with Andersen Chemical Preservative and Moisture Repellent.
7. Inside trim and finish hardware not furnished by Andersen.

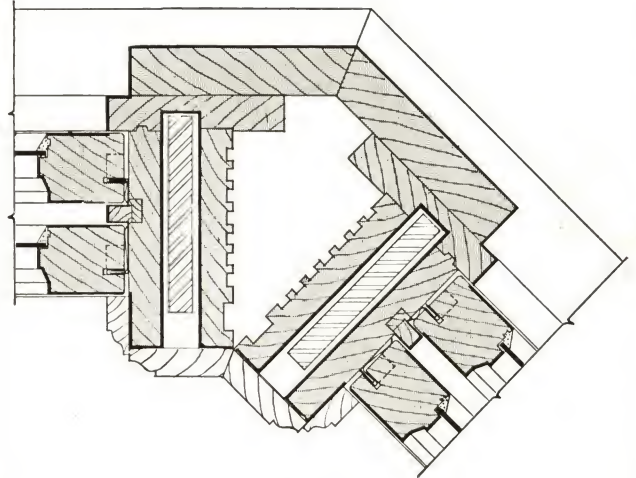
SCALE—Three Inches Equal One Foot
Patents Nos. 1,735,559,-1,879,005,-Re 16,594,-Re 17,552

ANDERSEN NARROLINE WINDOW

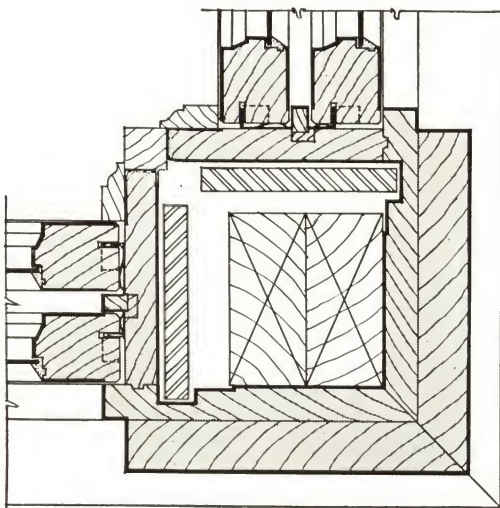
Special Adaptations



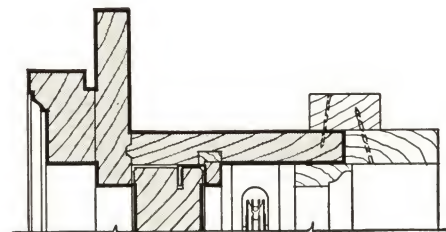
RADIAL BAY WINDOW DETAIL, 1/4 SCALE—Showing mullion between sash, using standard straight sash with outside edge of sill and head staff bead cut to radius. Furnished only on special order.



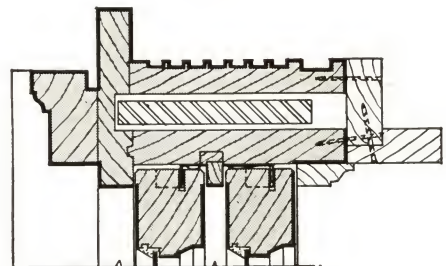
ANGLE BAY DETAIL, 1/4 SCALE—Showing section through typical angle mullion. All parts are standard except the exterior casing and length of sill horns. The inside casing is not furnished as part of the unit. Narrower mullions can be furnished by omitting the back liners.



CORNER WINDOW DETAIL, 1/4 SCALE—Showing typical corner section. Angle iron or I beam can be used in place of the 2 x 4's.



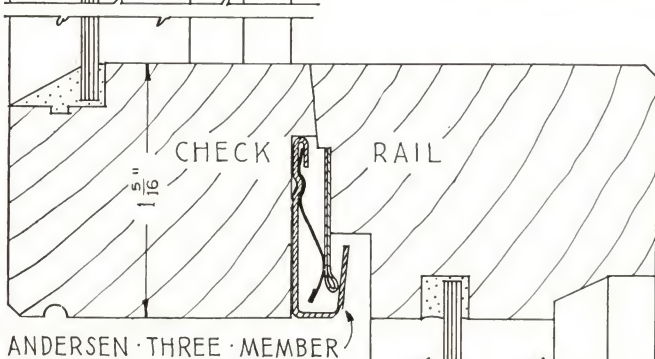
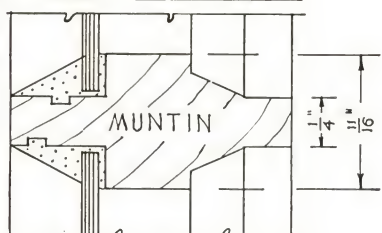
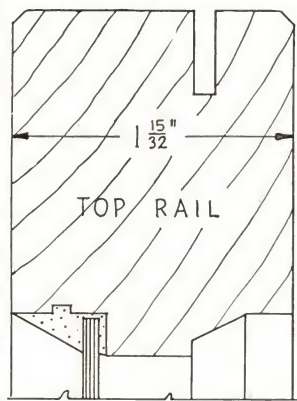
HEAD



JAMB

EXTENSION JAMB DETAIL, 1/4 SCALE—Showing suggested method for application of extension jambs to standard Narroline Frame No. 680. Use Rough Blocking below wide stool.

WINDOW DETAIL AND STOCK LAYOUTS

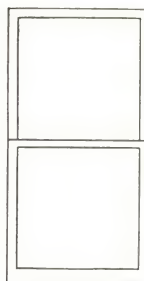


ANDERSEN · THREE · MEMBER
SILVER SEAL · CHECK · RAIL
WEATHERSTRIP · APPLIED
AT · FACTORY.

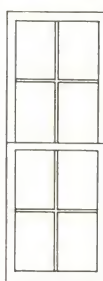
FULL · SIZE · CROSS · SEC ·
TIONAL · DETAIL · OF · THE
NEW *Andersen*
NARROLINE · WINDOW
NO. 680.

NOTE
DETAIL · SHOWS · EXACT
WIDTH · OF · STILES · AND
RAILS · FOR · 12 LT. AND · 16 LT.
WINDOWS. THIS · WIDTH
VARIES · SOMEWHAT · FOR
2 LT., 8 LT. AND · DIVIDED · TOP
WINDOWS.

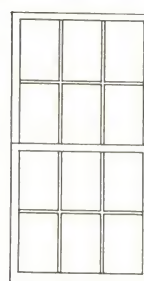
SILVER SEAL · BOTTOM
RAIL · WEATHERSTRIP
APPLIED · AT · FACTORY.



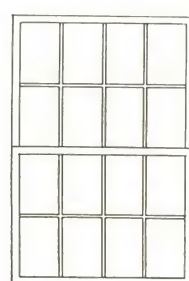
A-1211



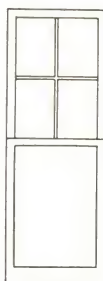
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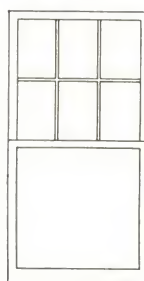
A-3466



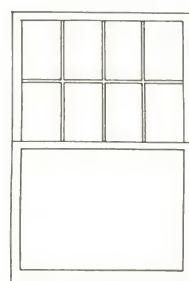
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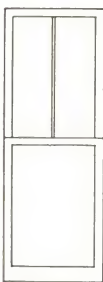
A-1341



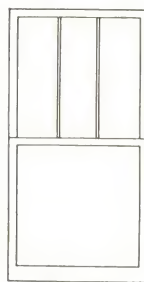
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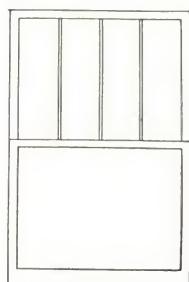
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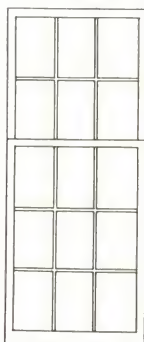
A-1221



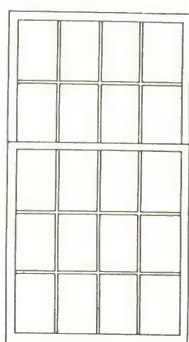
A-1231



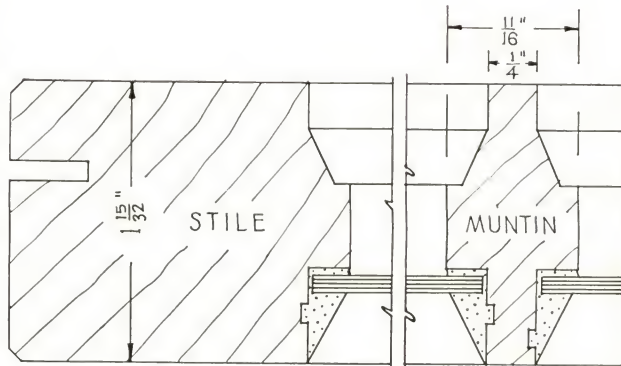
A-1241



A-3569



A-4582



LIST OF STANDARD SIZES ANDERSEN NARROLINE WINDOW No. 680

OPENING SIZES †			A-1211	A-2444	A-3466	A-4488	A-3569	A-4582	DIVIDED TOP WINDOWS	
SASH OPG.	RGH. STUD. OPG.	MASONRY OPG.	GLASS SIZE	GLASS SIZE ‡	GLASS SIZE	GLASS SIZE ‡	GLASS SIZE	GLASS SIZE ‡	‡	
1- 6 x 3-10 4-10	1-11 x 4- 2 5- 2	1-10 x 4- 2 3/4 5- 2 3/4	14 x 20 26						A-1341	A-1221
1- 8 x 3- 0 3- 6 3-10 4- 6 4-10	2- 1 x 3- 4 3-10 4- 2 4-10 5- 2	2- 0 x 3- 4 3/4 3-10 3/4 4- 2 3/4 4-10 3/4 5- 2 3/4	 16 x 20 24 26	8 x 7 1/2 9 10 12 13					A-1341 A-1341 A-1341 A-1341 A-1341	 A-1221 A-1221 A-1221
1-10 x 3-10 4- 6 4-10 5- 2	2- 3 x 4- 2 4-10 5- 2 5- 6	2- 2 x 4- 2 3/4 4-10 3/4 5- 2 3/4 5- 6 3/4	18 x 20 24 26	9 x 12 13 14					A-1341 A-1341	A-1221
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‡ To maintain sash openings listed, the glass must be cut and the glass sizes shown are approximate.

* These items glazed DSA.

† To arrive at rough stud opening for multiple window multiply

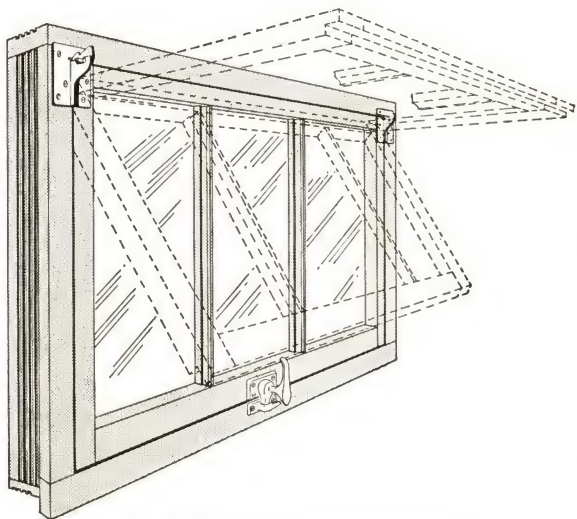
sash size and add 5" plus 2 3/4" for each mullion.

To arrive at masonry opening for multiple windows multiply sash size and add 4" plus 2 3/4" for each mullion.

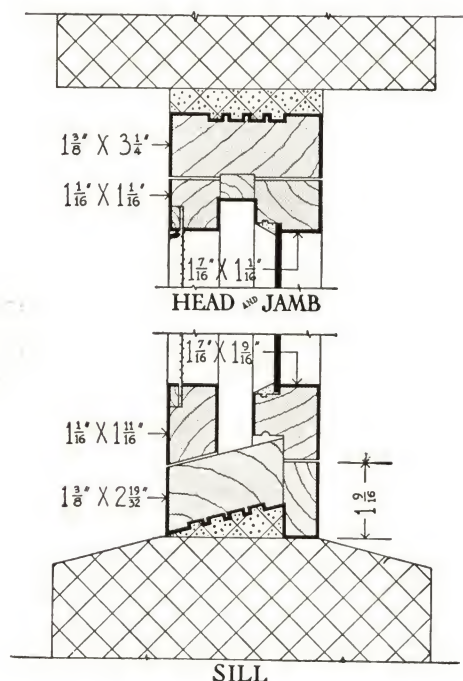
♦ These items with vertical muntin bars only.

ANDERSEN BASEMENT WINDOW

A Complete Unit Including FRAME • SASH • HARDWARE • SCREEN



FROM THE INSIDE—Note two open positions in which sash is automatically held. Sash is easily removed when open by simply lifting it out of the frame. The strong lock holds the sash tightly in the closed position.



Scale—Three Inches Equal One Foot.
Patent No. 1,879,005

FRAME—Manufactured of Clear Pine. The design of the frame makes it suitable for any wall. Mortar clinch grooves anchor the frame and eliminate leaking of water, dust, and air around the frame. The frame is set up and all hardware is applied at the factory.

SASH—Glazed and Factory Fitted. Stiles and Rails are designed for sturdiness and to give maximum light. Bottom rail is rabbetted to make watertight joint between sash and sill. The sash is hung in frame at factory.

SCREEN—Factory Fitted, 18 mesh Bronze Screen Cloth. Installed in frame at factory.

HARDWARE—Hinges automatically hold sash securely in two open positions without rattling.

Lock closes sash tightly. Special inside screen fasteners can also be used for storm sash. All hardware parts are cadmium plated.

TERMITE AND DECAY PROTECTION—All wood parts of frame, sash, and screen are protected against decay, termites, and moisture absorption with a chemical preservative with the addition of a water repellent compound the same as the Casement and Narroline Units.

The treatment used is that fully described on page 1 under the heading "Treated Wood." The wood is not discolored and any customary finish can be applied over it.

The toxic agent in the preservative gives positive protection against termites and a high resistance to decay, and the water repellent compound protects against moisture during construction.

PACKING—The complete assembled unit is shipped in a carton with double protection for the glass.

STANDARD SIZES

Glass Sizes	No. of Lights	Masonry Opening Size
8x12 in.	Two Light	1'- 9" x 1'- 5 3/8"
10x12 in.	Two Light	2'- 1" x 1'- 5 3/8"
10x16 in.	Two Light	2'- 1" x 1'- 9 3/8"
12x16 in.	Two Light	2'- 5" x 1'- 9 3/8"
12x18 in.	Two Light	2'- 5" x 1'- 11 3/8"
12x20 in.	Two Light	2'- 5" x 2'- 1 3/8"
8x10 in.	Three Light	2'- 5 1/4" x 1'- 3 3/8"
8x12 in.	Three Light	2'- 5 1/4" x 1'- 5 3/8"
9x10 in.	Three Light	2'- 8 1/4" x 1'- 3 3/8"
9x12 in.	Three Light	2'- 8 1/4" x 1'- 5 3/8"
9x18 in.	Three Light	2'- 8 1/4" x 1'- 11 3/8"
10x12 in.	Three Light	2'- 11 1/4" x 1'- 5 3/8"
10x14 in.	Three Light	2'- 11 1/4" x 1'- 7 3/8"
10x16 in.	Three Light	2'- 11 1/4" x 1'- 9 3/8"
10x18 in.	Three Light	2'- 11 1/4" x 1'- 11 3/8"
10x20 in.	Three Light	2'- 11 1/4" x 2'- 1 3/8"
12x18 in.	Three Light	3'- 5 1/4" x 1'- 11 3/8"

Andersen Corporation
ANDERSEN WINDOW UNITS
Suggested Specifications

Note: Words or clauses in italic type within brackets are selective. Choose and include that which applies.

**ANDERSEN CASEMENT
WINDOWS**

All casement windows shall be standard Andersen Casement Windows manufactured by Andersen Corporation, Bayport, Minnesota. Each shall include the following:

- (a) All wood parts shall be given the Andersen Chemical Preservative and Moisture Proofing Treatment.
- (b) Frame with (*standard 1 3/8 in. x 1 1/8 in.*) (*special detail*) exterior casings.
- (c) Sash with (*aluminum*) (*wood*) muntin bars glazed with (*SSA*) (*DSA*) glass.
- (d) Complete weatherstripping, factory applied.
- (e) Complete hardware for out-swinging sash, including (*worm gear*) (*bar*) type sash operator.
- (f) Screen, (*aluminum frame with 16 mesh aluminum wire cloth*) (*wood frame with 18 mesh bronze wire cloth*) for all swinging sash.
- (g) Inside stops (*and mullion*) (*and transom bar*) (*inside casings*) of (*clear Pine*) (*specify other wood*).
- (h) Removable Double Glazing for all sash.
- (i) These casements shall be assembled before delivery to the job with frame set up, sash hung (*removable double glazing installed in sash*), and all hardware applied, except metal sockets for screen bolts. Inside stops and (*mullion center*) (*and*) (*transom bar*) casings, and screens shall be delivered separately to be applied by the carpentry contractor after plastering or other inside wall finish is complete.

**ANDERSEN BASEMENT
WINDOWS**

All basement windows shall be standard Andersen Basement Window units as manufactured by Andersen Corporation, Bayport, Minnesota. Each shall include the following:

- (a) All wood parts shall be given the Andersen Chemical Preservative and Moisture Proofing Treatment.
- (b) Frame; sash glazed with SSB glass; screen with 18 mesh bronze wire cloth; complete hardware.
- (c) Units shall be completely factory assembled with sash and screen fitted into set-up frame and all hardware applied.

**ANDERSEN NARROLINE
DOUBLE HUNG WINDOWS**

All double hung windows shall be Andersen NARROLINE Complete Units No. 680 manufactured by Andersen Corporation, Bayport, Minnesota. Each unit shall include the following:

- (a) Frame with (standard 1 1/2 in. x 2 in.) (with water drip) (*special design*) exterior casings.
- (b) Andersen Check Rail Window, 1 1/2 in. thick, glazed with Andersen standard glazing, using A quality glass bedded in putty. Sash to have check rail and bottom rail weatherstrips applied.
- (c) Complete Andersen Silver Seal weatherstrips.
- (d) Flat type cast iron sash weights with wood bushed pulley wheel. Special Andersen Noiseless Sash Pulleys. Galvanized steel sash chain, cut to length, with fasteners.
- (e) All wood parts shall be given the Andersen Chemical Preservative and Moisture Proofing Treatment.

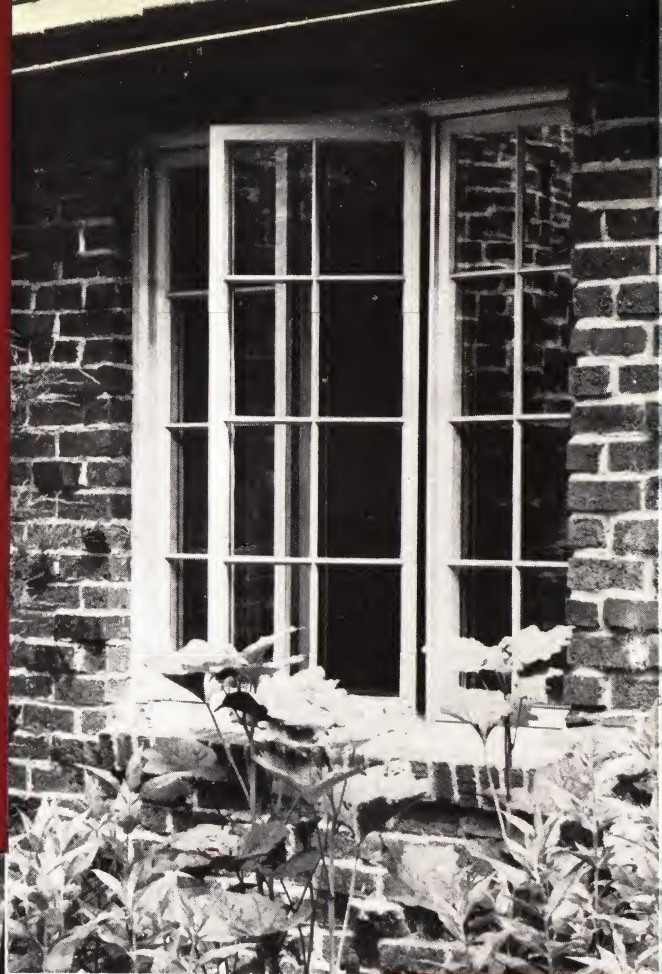
If complete assembly before delivery to the job is desired, include the following.

- (f) Units shall be furnished completely assembled with fitted sash hung with chains and weights, weatherstripping completely installed, sash and weights blocked in place in accordance with the manufacturers' instructions.

WRITE FOR COMPLETE FILE OF LOOSE SHEET TRACING DETAILS

Nationally Distributed Through Lumber and Millwork Dealers

Andersen COMPLETE WINDOW UNITS



• CASEMENT
WINDOWS •

NARROWLINE
DOUBLE-HUNG
WINDOWS

• BASEMENT
WINDOWS •

ANDERSEN CORPORATION
BAYPORT, MINNESOTA